

Certificate of Analysis

Name: Canine Parvovirus 2 VP2 Capsid Protein

Product Code: REC31788-100

Batch #:

Date of Manufacture:

Product Description: Recombinant canine parvovirus type 2b (CPV-2b) capsid protein VP2 is expressed in insect cells and consists of 584 amino acid residues. Theoretical molecular weight 64657 Da. Theoretical pI 5.36. Does not contain any affinity tags.

Expression System: Insect cells

Strain/Isolate: Type 2b

Amount: 0.1 mg

Concentration: mg/ml

Purity: >90% (SDS-PAGE in reducing conditions)

Presentation: Liquid

Buffer: 20 mM Na-phosphate, pH 7.4, 30 mM NaCl, 0.01% Tween 20, 10% trehalose.

Applications: Calibrator or standard in immunoassays for CPV immunodetection or antigen in immunoassays for determination of CPV antibody titre in canine blood. Immunoreactivity is confirmed by reaction with our monoclonal antibodies (MAB12400 – MAB12404), specific to canine parvovirus.

Usage Guidelines

Short Term Storage: -20°C

Long Term Storage: -20°C

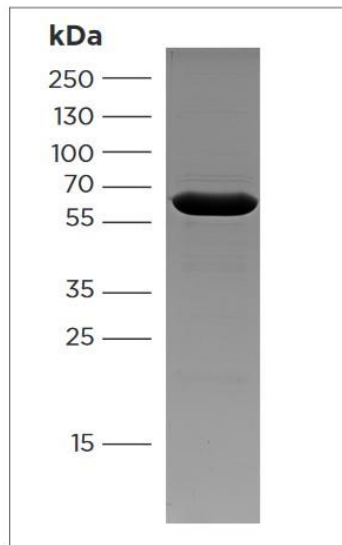
General Storage Conditions: Multiple freeze/thaw cycles are to be avoided.

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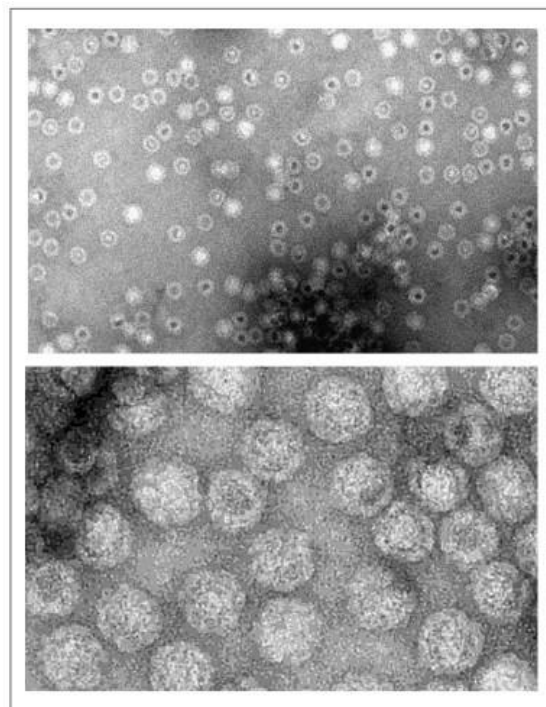
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SDS-PAGE: Representative Coomassie-stained reducing SDS-PAGE showing purified Canine Parvovirus 2 VP2 Capsid Protein.



Electron Micrograph: Images show CPV virus like particles produced by expression of the recombinant VP2 protein.



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Products are for Research Use or for Further Manufacturing Use only. Not for Diagnostic or Therapeutic Use.